



Advanced Non-Volatile Memory Devices and Systems

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Message from the Guest Editors

Dear Colleagues,

Advanced non-volatile memory devices and systems have had a profound impact on the field of data storage and computing, revolutionizing the way we store, access, and manage information. These technologies have significantly improved data transfer speeds, energy efficiency, and overall performance in various electronic devices.

One major impact of advanced non-volatile memory devices is their role in modern storage solutions. Furthermore, non-volatile memory has become an essential component in mobile devices, such as smartphones and tablets.

Another significant impact is in the Internet of Things (IoT) domain. Non-volatile memory provides low-power and durable storage solutions for the vast amounts of data generated by IoT devices, enabling edge computing capabilities and real-time data analysis without relying heavily on cloud services.

Furthermore, advanced non-volatile memory devices have enabled the development of novel computing architectures, such as neuromorphic computing and in-memory computing.

In conclusion, this Special Issue is dedicated to advanced non-volatile memory devices and systems.





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Message from the Editor-in-Chief

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